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(54) Title: **BIOMIMETIC COMPOUNDS CONTAINING HYDROXYAPATITES SUBSTITUTED WITH MAGNESIUM AND CARBONATE, AND THE PROCESSES USED TO OBTAIN THEM**

(57) Abstract: Carbonate hydroxyapatites containing magnesium, composite materials consisting of said hydroxyapatites and natural polymers are described; processes for the preparation of said materials and their use in orthopaedics and dentistry fields are also described.

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